

INTERNATIONAL SEARCH REPORT

Inventor's Application No
PCT/JP2004/035294

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D207/327 C07D309/30 C07D471/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 03/092586 A (MERCK & CO., INC; MERCK SHARP & DOHME LIMITED; JIAO, RICHARD; MORRIELL) 13 November 2003 (2003-11-13) cited in the application Schemes 3c, 4c, 5c; intermediates 4, 8, 11, 21, 22; example 29	1-10
A	BRUEKELMAN S P ET AL: "PROTECTION OF PRIMARY AMINES AS N-SUBSTITUTED 2,5-DIMETHYLPYRROLES" JOURNAL OF THE CHEMICAL SOCIETY, PERKIN TRANSACTIONS 1, CHEMICAL SOCIETY. LETCHWORTH, GB, 1984, pages 2801-2807, XP000945145 ISSN: 0300-922X the whole document	1-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the international search

22 February 2005

Date of mailing of the international search report

04/03/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	MARCOUX J-F ET AL: "A GENERAL '3+2+1! ANNULATION STRATEGY FOR THE PREPARATION OF PYRIDINE N-OXIDES" ORGANIC LETTERS, vol. 3, no. 2, 2001, pages 209-211, XP002318740 the whole document -----	1-10

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 03092586	A	13-11-2003	AU 2003231114 A1 17-11-2003
			CA 2483752 A1 13-11-2003
			EP 1501507 A2 02-02-2005
			WO 03092586 A2 13-11-2003
			US 2004167156 A1 26-08-2004